

ABSTRACT

A folding table is disclosed having a two-stage folding mechanism. The folding table includes a table top divided into a first planar portion and a second planar portion. A pair of side rails is connected to each planar portion. A foldable leg and support brace is connected to each planar portion. A hinge assembly is provided disposed between the first planar portion and the second planar portion. The hinge assembly includes a hinge pin, a first hinge connector and a second hinge connector rotatably disposed on the hinge pin. The first hinge connector has a cam portion. A locking pin is disposed through a slot in the second hinge connector so that when the locking pin is positioned nearest the hinge axis, the cam portion abuts the locking pin, thus locking the table top. When the locking pin is positioned farthest from the hinge axis, the first hinge connector is able to freely rotate about the hinge axis. A lock actuating mechanism may be used to operate the locking pin and may provide an anchoring or reinforcing mechanism to maintain the locking pin in a locked position.

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WORKMAN, NYDEGGER & SEELEY
A PROFESSIONAL CORPORATION
ATTORNEYS AT LAW
1000 EAGLE GATE TOWER
60 EAST SOUTH TEMPLE
SALT LAKE CITY, UTAH 84111